

Regimen Reference Order – BRST – gemcitabine + CISplatin

ARIA: BRST – [gemcitabine + CISplatin]

Planned Course: Every 21 days until disease progression

Indication for Use: Breast Cancer Metastatic or Recurrent

CVAD: At Provider's Discretion

Proceed with treatment if:

ANC equal to or greater than $1.5 \times 10^9/L$ AND Platelets equal to or greater than $100 \times 10^9/L$

❖ Contact Physician if parameters not met

SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
Not Applicable		

Treatment Regimen – BRST – gemcitabine + CISplatin

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy Days 1 and 8
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy Days 1 and 8
CISplatin	30 mg/m^2	IV in normal saline 500 mL over 1 hour Days 1 and 8
gemcitabine	$600 - 750 \text{ mg/m}^2$	IV in normal saline 250 mL over 30 minutes Days 1 and 8

Flush after each medication:

- 50 mL over 6 minutes (500 mL/hr)

In the event of an infusion-related hypersensitivity reaction, refer to the 'Hypersensitivity Reaction Standing Order'

REQUIRED MONITORING

All Cycles

Days 1 and 8

- CBC, biochemistry as per physician order (serum creatinine required prior to each CISplatin treatment)

Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
ondansetron	8 mg	Orally once 12 hours post chemotherapy on both Days 1 and 8
dexamethasone	4 mg	Orally twice daily on Days 2 - 3 and 9 - 10
metoclopramide	10 - 20 mg	Orally every 4 – 6 hours as needed for nausea and vomiting

DISCHARGE INSTRUCTIONS

- Instruct patient to continue taking anti-emetic(s) at home
- Maintain oral intake of 2000 mL (8 glasses) of fluid daily at home
- Reinforce applicable safe handling precautions of medications, blood and body fluids for 48 hours after completion of chemotherapy

ADDITIONAL INFORMATION

- CISplatin is ototoxic and nephrotoxic